IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re ap	plication	of:		DATE: DOCKET NO.:	1/16/04 CE11518JGN					
APPLIC SERIAI	_ NO.:	GOUDARZI, VAHID		ART UNIT: EXAMINER:						
FILING	DATE:: LED: IMPROVED POPULATED PRINTED WIRING BOARD AND METHOD OF MANUFACTURE									
		INFORMATIO	ON DISCLOSURE S	TATEMENT (ID:	S)					
		nissioner for Patents C. 20231								
Sir:										
	ces liste		SB/08 and/or subsec	quently identified	F.R. §§ 1.97 and 1.98, the herein, are being submitted					
I.	COPIE	<u>S</u>								
	a. 🔀	A legible copy of (i) each U.S. and foreign patents; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed, is included herewith.								
	b. Any patents, publications or other information which are listed on Form PTO/SB/08 which are not enclosed herewith were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:									
		U.S. Serial Number		<u>U.S. Filir</u>	ng Date					
П.	CONC	SE EXPLANATION OF	THE RELEVANC	E (check at least of	one box)					
	a. 🛛		ted below in (b) of t	this section, all of	f the patents, publications or					
	b. 🗌	A concise explanation of listed that is not in the E		•	cations or other information					
	c. 🔲	The following additional information is provided for the Examiner's consideration:								
ш. 🗀	CROSS	CROSS REFERENCE TO RELATED APPLICATION(S)								
	The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this (these) applications to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. § 122.									
	<u>U.S</u>	Serial No.	U.S. Filing	Date	Art Unit					

FEES

IV. 🛛	THIS I	DS IS BEING FILED UNDER 37 C.F.R. §1.97(b): (check one box)					
	a. 🛛	within three months of the filing date of a national application (37 C.F.R. § 1.97(b)(1)). No fee or statement is required.					
	b. 🗌	within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or statement is required.					
	c. 🗌	before the mailing date of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or statement is required.					
	d. 🗌	In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the statement under 37 C.F.R. § 1.97(e) provided below, or if no statement has been made, charge deposit account 50-2117 the fee set forth in 37 C.F.R. § 1.17(p).					
V. 🗌	before	DS IS BEING FILED UNDER 37 C.F.R. §1.97(c): (check one box) the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. §), or a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c)).					
	a. 🗌	No statement; therefore, charge deposit account 50-2117 the fee set forth in 37 C.F.R. § 1.17(p).					
	b. 🗌	See the statement below. No fee is required.					
VI. 🗌	THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(d): on or before payment of the issue fee and is accompanied by the following:						
	1)	a statement under 37 C.F.R. § 1.97(e) as provided below;					
	2)	Applicant(s) hereby a petition for consideration of this information disclosure statement; and					
	3)	charge deposit account 50-2117 the petition fee set forth in § 1.17(i).					
VII.	Stateme	ent under 37 C.F.R. §1.97(e) (check only one box, if applicable)					
	The undersigned hereby states that:						
	a. 🗌	each item of information contained in the IDS was cited in a communication from a foreign Patent Office is a counterpart foreign application not more than three months prior to the filing of IDS; or					
	b. 🗌	no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and to knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement, or					
	c.	some of the items of information contained in the IDS were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information					

contained in the IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

VIII.	PAYN	MENT O	F FEES (check one bo	x)		
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			charge Deposit Accorded fee(s).	unt No. 5	0-2117 in the amo	ount of \$180.00 for the above-
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					Respectfully sub	mitted,
					CAN N	zws
					Scourm. Garrett	
					Patent Agent	20.000
Matan	ala Tma				Registration No. Telephone:	39,988 954-723-6449
Motorola, Inc. Customer No. 24273					Facsimile:	954-723-5599
Enclos			PTO/SB/08			3020 0033
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known									
			Application Number Filing Date									
				First Named Inventor		VAHID	GOUDA	RZI				
			Group Art Unit									
			Examiner Name									
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'Unique citation designation number. *See Kinds of U.S. Patent Documents. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English Language Translation is attached.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 1 of Attorney Docket No. CE11518UGN OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Examiner Initials Cite No. ' "lead-Free Mandate Plumbs New Design Challenges" - Schweber, Bill; www.ednmag.com, 4/18/2002 "Fujitsu Develops Advanced Printing Bump Technology" - Fujitsu Laboratories; http://pr.fujitsu.com/en/news/2001/12/12-1.html, 12/12/2001 "A Constitutive Model for Creep of Lead-Free Solders Undergoing Strain-Enhanced Microstructural Coarsening: A First Report" - Dutta, I; Journal of Electronic Materials, 2002	□ Pleas ty	oe a plus s	sign (+) inside this	box.						
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 1 of Attorney Docket No. CE11518JGN OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. "lead-Free Mandate Plumbs New Design Challenges" - Schweber, Bill; www.ednmag.com, 4/18/2002 "Fujitsu Develops Advanced Printing Bump Technology" - Fujitsu Laboratories; http://pr.fujitsu.com/en/news/2001/12/12-1.html, 12/12/2001 "A Constitutive Model for Creep of Lead-Free Solders Undergoing Strain-Enhanced Microstructural Coarsening: A First Report" - Dutta, I; Journal of	Substitute for form 1449A/PTO									
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First Named Inventor VAHID GOUDARZI										
Group Art Unit Examiner Name OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. "lead-Free Mandate Plumbs New Design Challenges" - Schweber, Bill; www.ednmag.com, 4/18/2002 "Fujitsu Develops Advanced Printing Bump Technology" - Fujitsu Laboratories; http://pr.fujitsu.com/en/news/2001/12/12-1.html, 12/12/2001 "A Constitutive Model for Creep of Lead-Free Solders Undergoing Strain-Enhanced Microstructural Coarsening: A First Report" - Dutta, I; Journal of	SIAIE	MENIB	APPLICANT		VAHID GOUDARZI					
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Examiner

Date

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